

Title (en)  
CLAMPING SYSTEM OF SPECIAL CONDUCTORS FOR A STATOR OR ROTOR BAR WINDING FOR AN ELECTRIC MACHINE

Title (de)  
SPANNSYSTEM AUS SPEZIELLEN LEITERN FÜR EINE STATOR- ODER ROTORSTABWICKLUNG FÜR EINE ELEKTROMASCHINE

Title (fr)  
SYSTÈME DE SERRAGE DE CONDUCTEURS SPÉCIAUX POUR ENROULEMENT DE BARRE DE STATOR OU DE ROTOR D'UNE MACHINE ÉLECTRIQUE

Publication  
**EP 2594011 B1 20170503 (EN)**

Application  
**EP 10747512 A 20100716**

Priority  
IT 2010000312 W 20100716

Abstract (en)  
[origin: WO2012007972A1] It is described a clamping system (30) of special conductors (S1, S2, S3) for a stator or rotor bar winding (U1, S1, S2, S3) for an electric machine, such as connection terminals (S1), jumpers (S2), neutrals or star points (S3), etc. The system (30) allows the special conductors (S1, S2, S3) to be clamped during a twisting step and/or a step of picking up such conductors from a twisting device (250). The system comprises a system axis (T-T), a plurality of grippers (10) aligned or able to be aligned along a circumference lying on a plane substantially perpendicular to the system axis (T-T) and actuation elements (50, 60, 70, 80, 90) of the grippers (10). Each gripper includes a pair of jaws (32, 33) mounted so as to be mobile in a plane transversal to said system axis (T-T).

IPC 8 full level  
**H02K 15/06** (2006.01); **H02K 15/00** (2006.01); **H02K 15/04** (2006.01)

CPC (source: EP US)  
**H02K 15/0081** (2013.01 - EP US); **H02K 15/0421** (2013.01 - EP US); **H02K 15/063** (2013.01 - US); **H02K 15/064** (2013.01 - EP US); **Y10T 29/4902** (2015.01 - EP US); **Y10T 29/49071** (2015.01 - EP US); **Y10T 29/49073** (2015.01 - EP US); **Y10T 29/49998** (2015.01 - EP US); **Y10T 29/53091** (2015.01 - EP US); **Y10T 29/53157** (2015.01 - EP US); **Y10T 29/53161** (2015.01 - EP US)

Citation (examination)  
GB 2263653 A 19930804 - GEN ELECTRIC [US]

Cited by  
AT522207A1; WO2020176916A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2012007972 A1 20120119**; BR 112013001113 A2 20171031; BR 112013001113 B1 20191022; CN 102986121 A 20130320; CN 102986121 B 20160120; EP 2594011 A1 20130522; EP 2594011 B1 20170503; ES 2636213 T3 20171005; US 2013104381 A1 20130502; US 8726493 B2 20140520

DOCDB simple family (application)  
**IT 2010000312 W 20100716**; BR 112013001113 A 20100716; CN 201080067971 A 20100716; EP 10747512 A 20100716; ES 10747512 T 20100716; US 201013387729 A 20100716